Documentation of Stellar Tracker

Version: 1.0

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Overview:

The StellarTracker App is a mobile app that allows users to track the location of people and objects in space in real time. The app uses a variety of data sources, including NASA's Tracking and Data Relay Satellite System (TDRSS) and the Stellar Sky Survey, to determine the position of astronauts, spacecraft, and other celestial bodies.

Features:

- Real-time tracking of the location of people and objects in space
- 3D view of the Earth and solar system, with the locations of people and objects in space highlighted
- Information about each person or object in space, including its name, nationality, mission, and spacecraft (if applicable)
- Ability to search for specific people or objects in space
- Ability to save favorite people or objects in space for quick access
- Ability to share the location of a person or object in space with others

Requirements:

- Android or iOS device
- Internet connection

Usage:

1. Open the StellarTracker App.
2. Tap on the "Map" tab to view a 3D map of the Earth and solar system, with the locations of people and objects in space highlighted.
3. Tap on a person's or object's marker to view more information about it, including its name, nationality, mission, and spacecraft (if applicable).
4. To search for a specific person or object in space, tap on the "Search" tab and enter its name in the search bar.
5. To save a person or object as a favorite, tap on the star icon next to its name.
6. To share the location of a person or object in space with others, tap on the share icon next to its name and select the desired sharing method.

Troubleshooting:

- If the app is not working properly, try restarting your device and checking your internet connection.
- If you are still having problems, please contact the app developer for support.

Contact Us:

If you have any questions or feedback about the StellarTracker App, please contact us at stellertracker@gmail.com

Disclaimer:

The StellarTracker App is provided for informational purposes only and is not intended to be used for navigation or other critical purposes. The app may not be accurate or complete and should not be relied upon for making important decisions.

Additional Documentation:

StellarTracker API:

The StellarTracker App provides a public API that allows developers to integrate the app's functionality into their own applications. The API provides endpoints for retrieving the location of people and objects in space, as well as information about them.

StellarTracker Data Sources:

The StellarTracker App uses a variety of data sources to determine the location of people and objects in space. These data sources include:

- NASA's Tracking and Data Relay Satellite System (TDRSS)
- The Stellar Sky Survey
- The International Space Station (ISS) tracking system
- Publicly available data from other sources

StellarTracker Accuracy:

The accuracy of the StellarTracker App is dependent on the accuracy of the data sources that it uses. For example, the accuracy of the app's tracking of astronauts and spacecraft is dependent on the accuracy of NASA's TDRSS system.

StellarTracker Use Cases:

The StellarTracker App can be used for a variety of purposes, including:

- Tracking the location of astronauts and spacecraft
- Tracking the location of other celestial bodies, such as planets, moons, and comets
- Education and research
- Space tourism
- Entertainment

StellarTracker Privacy Policy:

The StellarTracker App collects and stores the following information about its users:

- Device ID
- IP address
- Location data
- Search history

The StellarTracker App does not share this information with any third parties without the user's consent.

StellarTracker Terms of Service:

By using the StellarTracker App, users agree to the following terms of service:

- The user will not use the StellarTracker App for any illegal or harmful purposes.
- The user will not use the StellarTracker App to interfere with the operation of other apps or systems.
- The user will not share their StellarTracker App account information with anyone else.

The StellarTracker App developer reserves the right to change the terms of service at any time. Users are responsible for reviewing the terms of service regularly to ensure that they are aware of any changes.

Intended audience:

The StellarTracker App is a powerful tool that can be used for a variety of purposes. Whether you are a student, researcher, space tourist, or simply someone who is interested in space exploration, the StellarTracker App has something to offer you.

The StellarTracker App is easy to use and provides real-time updates on the location of people and objects in space. The app also includes a variety of features, such as a 3D view of the Earth and solar system, the ability to search for specific people and objects in space, and the ability to save favorites.

If you are interested in tracking people and objects in space, I encourage you to download the StellarTracker App today

Brand Email: stellertracker@gmail.com

Password: Veeramani@1

Category: Digital marketing

NM ID: 768A635BA1F357589A44B66AA2D049A9

Name : Aravind S

College name: Saranathan College Of Engineering

Department: Electronics and Communication Engineering